

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
6 October 2005 (06.10.2005)

PCT

(10) International Publication Number  
**WO 2005/092732 A1**

(51) International Patent Classification<sup>7</sup>: B65D 43/02

(21) International Application Number:  
PCT/GB2005/000986

(22) International Filing Date: 16 March 2005 (16.03.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
0406762.5 25 March 2004 (25.03.2004) GB

(71) Applicant (for all designated States except US): CAR-  
BONITE CORPORATION [PA/PA]; El Dorado Build-  
ing, 2nd Floor, 52nd & Elvira Mendez Streets, P.O. Box  
1358 WTC, Panama (PA).

(72) Inventors; and

(75) Inventors/Applicants (for US only): SMITH, Matthew,  
Eric [GB/GB]; Ballacurn Cottage, Ballaugh, Isle of Man  
IM7 5EU (GB). MONDSZEIN, Karl [GB/GB]; 7 West  
Bank Lea, Mansfield, Nottinghamshire NG19 7BY (GB).

(74) Agents: JENNINGS, Nigel, Robin et al.; Kilburn &  
Strode, 20 Red Lion Street, London WC1R 4PJ (GB).

(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ,  
TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA,  
ZM, ZW.

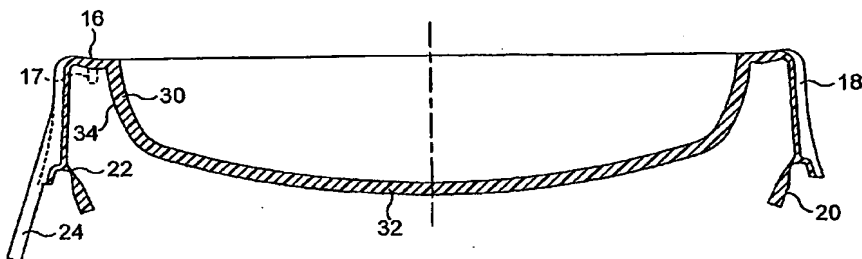
(84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,  
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,  
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,  
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,  
GQ, GW, ML, MR, NE, SN, TD, TG).

**Published:**

- with international search report
- before the expiration of the time limit for amending the  
claims and to be republished in the event of receipt of  
amendments

For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.

(54) Title: BEVERAGE CONTAINERS



(57) Abstract: A beverage container comprises a receptacle (2) which has a central axis (3) and is sealed by a lid (6) of resilient material. The receptacle includes a neck (8) defining an opening and the lid includes a closure plate (30, 32), integral with which is a depending skirt (18) extending around the outer surface of the neck. The inner surface of the skirt (18) carries a continuous annular flange (20), which is in sealing engagement with the underside of a continuous downwardly directed annular shoulder (14) on the outer surface of the neck and thus prevents movement of the lid in the axial direction away from the receptacle. The annular flange (20) on the lid is connected thereto by a resilient hinge connection (22). The annular flange (20) is elongate in axial sectional view. The end surface of the free end of the flange (20) is in sealing engagement with the underside of the shoulder (14) and the resilience of the resilient hinge connection (22) urges the side surface of the free end of the annular flange (20) into sealing engagement with the external surface of the neck.

WO 2005/092732 A1